

Docket Number (Optional) DD-033-US-01		Application Number 10/003,519 #3
Applicant(s) James Hartman et al.		
Filing Date 10/30/2001	Group Art Unit 1734	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
cal		5,029,768	07/09/1991	Asbury et al.	—	—	—
cal		5,624,526	04/29/1997	Perecman et al.	—	—	—
cal		5,775,629	07/07/1998	Cyr	—	—	—

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FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>Cheryl N. Hauer</i>	DATE CONSIDERED <i>1/31/04</i>
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				ATTY DOCKET NO. DD-033-US-01		SERIAL NO. 10/003,519	
				James N. Hartman et al.			
				FILING 10/30/2001		GROUP 1734	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
cnh	2,987,108	06/06/61	Kilmartin	—	—	—	
cnh	3,939,032	02/17/76	Taitel et al.	—	—	—	
cnh	4,106,974	08/15/78	Hirsch	—	—	—	
cnh	4,120,739	10/17/78	Peeters et al.	—	—	—	
cnh	4,157,934	06/12/79	Ryan et al.	—	—	—	
cnh	4,190,483	02/26/80	Ryan et al.	—	—	—	
cnh	4,450,039	05/22/84	Salvucci et al.	—	—	—	
cnh	4,481,053	11/06/84	Tokuno et al.	—	—	—	
cnh	4,589,943	05/20/86	Kimball et al.	—	—	—	
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cnh	4,668,328	05/26/87	Kyytsonen	—	—	—	
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						YES	NO
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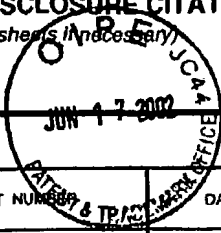
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
cul	3,886,033	05/27/75	MacDonald et al.	—	—	—
cul	4,120,034	10/10/78	Fisk et al.	—	—	—
cul	4,181,558	01/01/80	Neubronner	—	—	—
al	4,332,635	06/01/82	Holbrook et al.	—	—	—
al	4,405,066	09/20/83	Roccaforte	—	—	—
cul	4,506,816	03/26/85	Roccaforte	—	—	—
cul	4,580,709	04/08/86	Roccaforte	—	—	—
cul	4,925,521	05/15/90	Asbury et al.	—	—	—
cul	5,021,111	06/04/91	Swenson	—	—	—
al	5,415,716	05/16/95	Kendall	—	—	—
al	5,078,311	01/07/92	Taguchi et al.	—	—	—

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						YES	NO
cul	EP 0 776 848 A2	11/29/95	Europe	—	—		
cul	JP 8-309890	11/26/96	Japan	—	—	Abstract	
al	GB 2 315 041	01/21/98	United Kingdom	—	—		
al	WO 96/35574	11/14/96	PCT	—	—		

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enb	5,839,634	11/24/98	Pollard et al.			
enb	5,947,360	09/07/99	Frank			
enb	6,173,876	01/16/01	Sano et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

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Cheryl N. Hawke

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Substitute form PTO-1449 (Modified)	U.S. Department of Commerce		Attorney Docket No. DD-033-US-01	Application No.
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
	Filing Date October 30, 2001		Group Art Unit	

(37 C.F.R. §1.98(b))

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10/30/01

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Examiner Initials	I.D.	Patent Number	Issue Date	Patentee	Class	Sub Class	Filing Date if Appropriate
col	AA	4,795,510	01/03/89	Wittrock et al.	156	64	—
col	AB	4,917,327	04/17/90	Asbury et al.	242	156	—
col	AC	5,573,626	11/12/96	Rossini et al.	156	361	—
col	AD	5,692,699	12/02/97	Weirauch et al.	242	556.1	—
col	AE	5,913,991	06/22/99	Kubota et al.	156	64	—
col	AF	6,007,660	12/28/99	Forkert	156	256	—
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
Examiner Initials	ID	Document Number	Publication Date	Country or Patent Office	Class	Sub Class	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							

OTHER DOCUMENTS (INCLUDE AUTHOR, TITLE, DATE AND PLACE OF PUBLICATION)		
Examiner Initials	ID	Document
	AP	
	AQ	
	AR	

Examiner Signature <i>Cheryl N. Hartman</i>	Date Considered 11/31/04
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